### Executive Summary

**Manual Changes**

**Effective Date**: 9/27/2018

**Impacted Manual #s/Manual Title(s)**: Manual 01, Control Center and Data Exchange Requirements

**Conforming Order(s)**: N/A

**Associated Issue Tracking Title**: N/A

**Committee Approval Path - What committee(s) have already seen these changes?**

**First Read**
- 8/2 – SOS
- 8/7 – OC
- 8/16 – RSCS/TTMS (informational)

**Second Read/Endorsement**
- 9/6 – SOS
- 9/11 – OC

**MRC 1st read date**: 8/23/2018

**MRC voting date**: 9/27/2018

**Impacted Manual sections**:

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<th>Section 1.6: Markets Gateway</th>
<th>Section 4.1: Dispatch Voice &amp; Fax Communications</th>
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<td>Section 2.2: PJM Member Data Exchange</td>
<td>Section 4.2: Alternative Interpersonal Communication Capability</td>
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<td>Section 2.3.1: Transmission Monitoring Capability</td>
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<td>Section 2.7: PJM Member Back Up Capability</td>
<td>Attachment A: Data Specification and Collection</td>
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<td>Section 3.2: EMS Data Exchange</td>
<td>Attachment B: Schedule of Data Submittals</td>
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<td>Section 3.3: Synchronphasor System Data Exchange</td>
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**Reason for change**:

- Sections 1.6, 3.2 and 3.3, Attachment A – Revised for clarity and completeness.
- Sections 2.3.1, 2.7, 4.1, 4.2, 4.5, Attachment B – Updated to align with NERC Standards and TO/TOP Matrix.
- Section 3.2 – New requirement on ICCP data definition files.
- Attachment A – Added PAI Trigger via SCADA/ICCP to the list of data provided by PJM to Generating Entities.

**Summary of the changes**:

- Section 1.6: Revised language to explain what Markets Gateway tool is used for instead of a detailed overview of PJM Markets which is covered in Manual 11.
- Section 2.2: Updated definition and reference to “Local Control Center” to “Transmission Owner Control Center”.
- Section 2.3.1: Changes related to TOP-001 R13 and TO/TOP Matrix regarding Real-time Assessment capability requirements.
- Section 2.7: NERC Standard references to TOP-001 R1, R12, R14 and TOP-003 R1, R3, R5 updated.
- Section 3.2:
  - Added missing information about DNP3 communication protocol and Jetstream system, and revised for clarity.
  - Added new requirement regarding ICCP data definition files.
- Section 3.3: Revised language for clarity and alignment with PJM Manual M14D.
- Section 4.1: Per COM-001, added Distribution Providers to the list of entities PJM has voice communications with.
- Section 4.2: Per COM-001, added Alternate Interpersonal Communication requirement for Transmission Owners.
- Section 4.5.3: New language to define what qualifies as Emergency in accordance with COM-002.
- Attachment A:
  - Removed the references to the data submission timeline requirements for Generation scheduling.
  - Table B: Added PAI Trigger via SCADA/ICCP as an optional service for generating entities.
  - Table B & D: Added communication of Protection System outages as a required input to PJM (TOP-003-3)
- Attachment B: Reworded EOP-008-1 R5 to ensure TOs are submitting the right evidence.